

WHAT IS CLAIMED IS:

1. A lancet for use with a lancing device having a body, a needle or blade positioned therein, and a needle cover, the body and needle cover being unitarily formed from plastic, characterized by:
2 said needle or blade having an elongate body portion, one end
3 of which is sharpened, and the other end of which is bent at an angle substantially
4 perpendicular to the body portion thereof;
5 the body portion of the plastic molded around the needle having
6 opposed recesses, said recesses being formed by the withdrawal of opposed
7 clamping members which secure the needle in place interiorly of the plastic mold
8 when the plastic is formed above the needle, each of said opposed recesses
9 revealing the needle body portion interiorly thereof as a result of having been
10 previously clamped in a jig interiorly of the mold cavity from which the body of the
11 lancet is formed.

1. 2. A method of forming a lancet having a needle or blade within
2 an elongate lancet body, produced in accordance with the following steps:
3 - bending one end of said needle or blade body, and sharpening
4 the other end to form a point;
5 - forming a mold for the lancet body which forms a cavity
6 complementary to the shape of the lancet body including forming a cap portion to
7 encapsulate the sharpened end of the needle or blade;
8 - providing opposed clamping members at an interior portion of
9 the mold in vise-like relationship to the lancet body of the needle or blade;
10 - injecting plastic into the mold after the lancet body has been
11 positioned therein; and
12 - thereafter opening the mold and removing the lancet;
13 whereby the lancet is sanitarily housed within the lancet body with the needle or
14 blade point encapsulated in the head and revealing, through the recesses in the
15 body left by the withdrawal of the jig, opposite sides of the body of the needle or
16 blade.

1 2. In the lancet according to Claim 1,
2 a plurality of four runners extending along the body of the
3 lancet;
4 said runners being at essentially perpendicular and
5 dimensionally opposite distances from each other;
6 whereby the lancet body when secured in the lancing device can be ensured of a
7 direct linear movement when fired by engagement of the lancing device.

1 3. In the lancet according to Claim 3,
2 a plurality of vise ports in diametrically opposed relationship to
3 each other and penetrating opposed runners proportioned to accommodate a vise,
4 gripping device interiorly of the mold from which the lancet is formed, said vise-like
5 members being also proportioned when removed to leave inspection ports and
6 weight reduction ports in the opposed runners extending to the needle from the
7 outer edges of the runners.

1 4. In the lancet according to Claim 3, the plastic for forming said
2 lancet being selected from that type of plastic known as LDPE, grades Q200, virgin
3 or reclaimed.

1 5. In the lancet according to Claim 4, the plastic for forming said
2 lancet being selected from that type of plastic known as LDPE, grades Q200, virgin
3 or reclaimed.

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